

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP 03/15034

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 F01D17/16 F02C6/12		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 F01D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2004/022922 A (HONEYWELL INT INC) 18 March 2004 (2004-03-18) claims 1-10; figures 6a-9b	1-13
X	US 2003/079474 A1 (FINGER HELMUT ET AL) 1 May 2003 (2003-05-01) the whole document	1-13
X	EP 0 621 398 A (PRAXAIR TECHNOLOGY INC) 26 October 1994 (1994-10-26) the whole document	1-13
X	DE 102 12 032 A (DAIMLER CHRYSLER AG) 2 October 2003 (2003-10-02) figure 2	1-13
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *&* document member of the same patent family		
Date of the actual completion of the international search 10 September 2004		Date of mailing of the international search report 20/09/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2043, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Iverus, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 4 629 396 A (LORETT JORGE A) 16 December 1986 (1986-12-16) figure 2 -----	1-13
X	US 2002/187061 A1 (ARNOLD STEVEN DON) 12 December 2002 (2002-12-12) figures 1-5c,7-9 -----	1-13
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A	US 4 300 869 A (SWEARINGEN JUDSON S) 17 November 1981 (1981-11-17) figure 2 -----	1-13
A	US 5 851 104 A (DAKIN ROBIN M ET AL) 22 December 1998 (1998-12-22) figure 2 -----	1-13
A	US 2003/014972 A1 (ARNOLD STEVEN DON) 23 January 2003 (2003-01-23) figures 1-4,6a,7a-7c -----	1-13

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